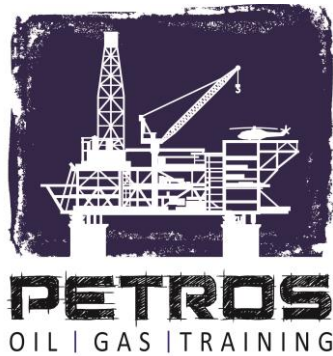


Certificate No : 2023-PTR-EC-INT-010

Date : July 17th, 2023



CERTIFICATE OF ACCOMPLISHMENT

This is to certify that

AHMAD FAWWAZ HIBBAN

ID NUMBER : PTR-EC-INT-010

has completed 24 hours & finished the Final Project of our e-Course

**INSTRUMENTATION SIZING FOR CONTROL VALVE,
FLOW ELEMENT & RELIEF DEVICE USING INSTRUCALC**

TRAINER :

Muhammad Riandi, S.T - Senior Instrument Engineer

Held by **PETROS Oil Gas Training** covering the subjects as listed on the back page



A handwritten signature in black ink, appearing to read "Heru Prasadja".

Heru Prasadja, ST

Director

INSTRUMENTATION SIZING FOR CONTROL VALVE, FLOW ELEMENT & RELIEF DEVICE USING INSTRUCALC

CONTROL VALVE

- Control Valve in Process Plant
- Basic Operation of Control Valve
- Control Valve Sizing and Calculation
- Sizing and Calculation using INSTRUCALC
- Report Preparation

FLOW ORIFICE

- Flow Orifice Principles
- Sizing and Calculation using INSTRUCALC
- Report Preparation

PRESSURE RELIEF VALVE

- Basic Operation of Pressure Relief Valve
- Sizing and Calculation using INSTRUCALC
- Report Preparation

FINAL PROJECT :

Instrument Sizing and Calculation Report Preparation for Test Separator System in Wellhead Platform